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## Patent Abstracts of Japan

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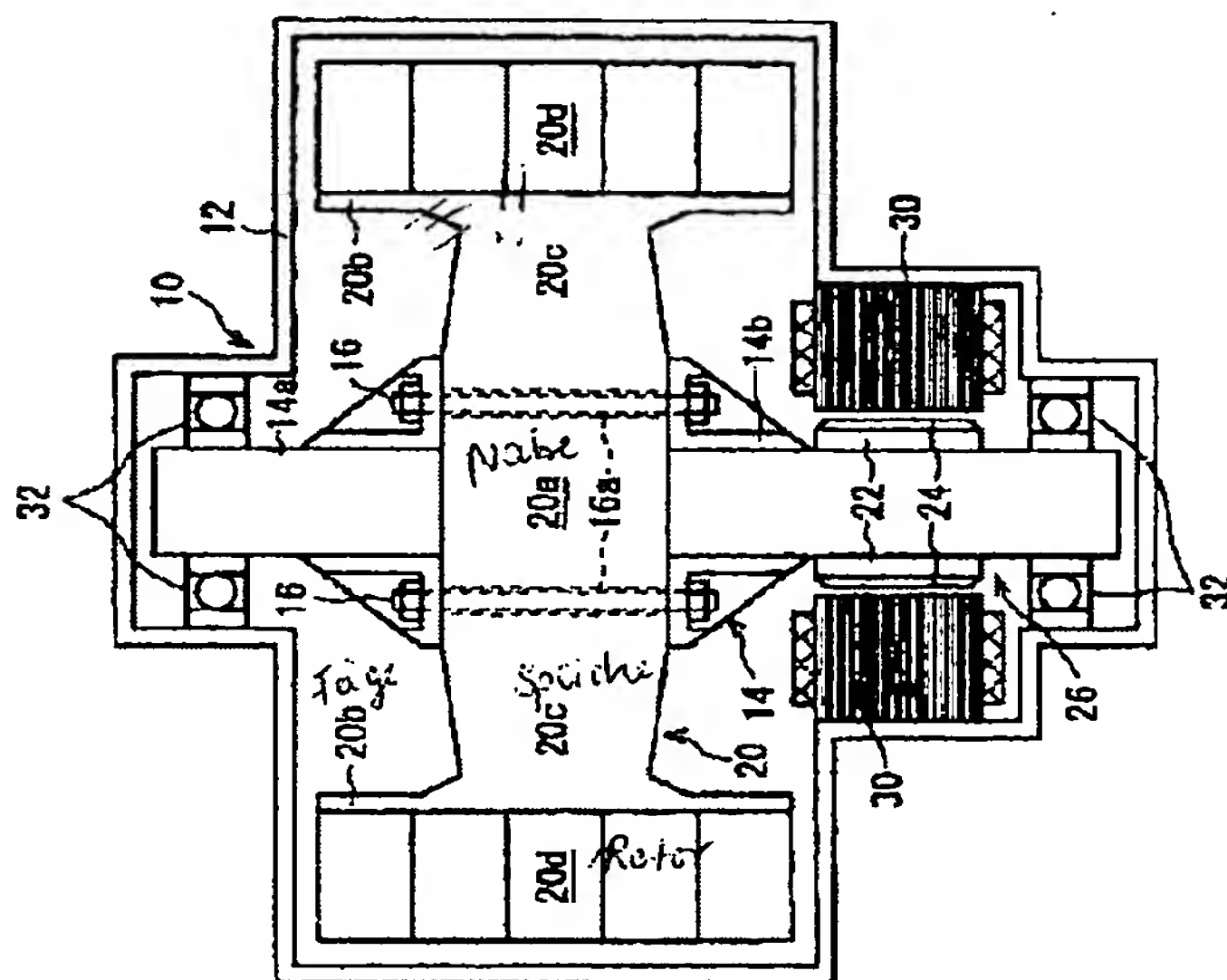
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APPLICANT : HONDA MOTOR CO LTD;

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TITLE : FLYWHEEL BATTERY



**ABSTRACT :** PROBLEM TO BE SOLVED: To provide a flywheel battery in which the bend resonance frequency is shifted to the high rotation side by enhancing rigidity as a rotor and a moment ratio can be adjusted, whereby the maximum rotation speed of the flywheel is increased to expand a usable range.

**SOLUTION:** While forming a flywheel 20 by a boss 20a, a rim 20b and a spoke 20c and mounting a rotor 20d on the outer periphery of the flywheel, a shaft 14 is divided into two to be connected to the flywheel 20 through the medium of a fastening member 16 (a bolt). While transferring the bend resonance frequency to the high rotation side by enhancing rigidity to increase the maximum engine speed of the flywheel 20 and to expand a usable range, therefore, a moment ratio or the like can be adjusted. The fastening member is arranged at a offset position from the connected position of the spoke 20c of boss 20a to eliminate a possibility of deterioration of strength in the fastening member 16, which leads to further enhancement of the rigidity.

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